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Power Generation Services

Siemens Power Academy – K-PCS7ST

PCS7 Course for Steam Turbine Process Controls

Introduction

This course provides the basic principles of engineering environment, diagnostics and operation and familiarisation of the Turbine Control Software.

Course Content

- System Overview
- Hardware and Software layout of PCS7 configuration
- Function and parameterisation of the function modules (binary, analog acquisition and output, ESG, continuous controllers, step controllers)
- Continuous control – CFC
- Sequential control – SFC
- Process tag type, module and master data library
- Operator Control and Monitoring
- Understanding each function group controls and Turbine controls philosophy
- Understanding the Turbine Protection Software components
- Downloading of project and testing using simulation
- Practical exercises

Course Details

Location: Siemens Training Office / Customer Site

Size: Max 6 Participants

Duration: 3 days

Contact:

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Controls and Digitalisation

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